



Sheet 1 of 5

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00231-088002	Application No. 09/800,431
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Victoria Beck et al.	
(37 CFR §1.98(b))		Filing Date March 5, 2001	Group Art Unit 1614

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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
D	AA	3,833,722	09/03/74	Graybill et al.	424	104	
	AB	4,462,991	07/31/84	Higuchi et al.	424	177	
	AC	4,778,794	10/18/88	Naruse et al.	A61K	31/50	
	AD	4,920,122	04/24/90	Naruse et al.	A61K	31/50	
	AE	4,086,220	04/25/78	Schlatter			08/09/76
	AF	3,987,014	10/19/76	Guiducci			01/10/74
	AG	4,098,779	07/04/78	König			04/06/77
	AH	4,302,448	11/24/81	Bickel			06/11/80
	AI	4,533,494	08/06/85	Uchiyama			02/10/83
	AJ	4,711,847	12/08/87	König			08/08/84
	AK	3,940,480	02/24/76	Seunaga			04/26/73
	AL	5,380,872	01/10/95	Sugg et al.	548	495	
	AM	4,806,336	02/21/89	Carlquist et al.	424	9	
	AN	4,994,467	02/19/91	Zimmerman	514	284	05/31/89
	AO	5,008,251	04/16/91	Gruber	514	43	08/31/89
	AP	5,094,837	03/10/92	Bis	424	9	01/22/90
	AQ	5,225,407	07/06/93	Oakley et al.	514	213	09/08/92
	AS	5,527,825	06/18/96	Karson et al.	514	551	04/06/94
D	AT	5,686,311	11/11/97	Shaw	436	86	06/23/95

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
D	AU	WO 94/16756	08.04.94	PCT				
	AV	WO/96/06635	03.07.96	PCT				
	AW	WO/98/52593	26.11.98	PCT				
D	AX	US99/13061 Search Report	12/29/99	PCT				

Examiner Signature	Date Considered
04 October 2000	
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
D	AY	Horvath et al., "Secretin Therapy - The Child Psychologist", <i>Journal of the Association for Academic Minority Physicians</i> , 9(1):9-15, (1998). Retrieved from the Internet: URL: http://www.childpsychology.com/autism/secretin.htm .
	AZ	McShane, "Secretin in Autism", Autism Society of Alabama, Retrieved from the Internet URL: http://www.autism/alabama.org/secretin2.htm . (December 1998)
	BA	Perry et al., "Secretin in Autism", <i>Journal of Child and Adolescent Psychopharmacology</i> , 8:247-248, (1998).
	BB	Willimann et al., "Lecithin Organogel as Matrix for Transdermal Transport of Drugs", <i>Journal of Pharmaceutical Sciences</i> , 81:871-874, (1992).
	BC	Conn's Current Therapy, Robert E. Paxkel Editor, p. 452 W.B. Saunders Co. Philadelphia PA, 1989
	BD	Stedman's Medical Dictionary, 26 th ed., Williams & Wilkins, Baltimore, MD p. 486, 1995
	BE	Cook et al., "The Serotonin System In Autism", <i>Current Opinion in Pediatrics</i> , 8:348-354, (1996).
	BF	Harteveld et al., "Autism - Role of Drug Treatment and a Guide to its Use", <i>CNS Drugs</i> , 8(3):227-236, (1997).
	BG	Horvath et al., "Improved Social and Language Skills After Secretin Administration in Patients with Autistic Spectrum Disorders", <i>J. Assoc. Acad. Minority Physicians</i> , 9(1):9-15, (1998).
	BH	Piven, "The Biological Basis of Autism", <i>Curr. Op. Neurobiol.</i> , 7:708-712, (1997).
	BI	Rapin et al., "Neurobiology of Autism", <i>Annals of Neurology</i> , 43:7-14, (1998).
	BJ	Ritvo et al., "A Medical Model of Autism:Etiology, Pathology and Treatment", <i>Pediatric Annals</i> , 13(4):298-305,(1984).
	BK	Wickelgren, "Tracking Insulin to the Mind", <i>Science</i> , 280:517-518, (1998).
	BL	Wing, "The Autistic Spectrum", <i>The Lancet</i> , 350:1761-66, (1997).
	BM	Beck, "Transdermal Secretin and Our Approach," (letter to www.healthboards.com/autism/1089.html) SECRETIN- TALK@ONELIST.COM (12/30/98)
	BN	Schopler et al., "Toward Objective Classification of Childhood Autism: Childhood Autism Rating Scale (CARS)", <i>J. of Autism & Dev. Disorders</i> 10(1) (1980) pp. 91-103.
	BO	Karelson et al., "Regulation of Adenylate Cyclase by Galanin, Neuropeptide Y, Secretin and Vasoactive Intestinal Polypeptide in Rat Frontal Cortex, Hippocampus and Hypothalamus", <i>Neuropeptides</i> 28; (1995) pp. 21-28.
	BP	vanCalker et al., "Regulation by secretin, vasoactive intestinal peptide, and somatostatin of cyclic AMP accumulation in cultured brain cells", <i>Proc. Natl. Acad. Sci. USA</i> 77(11), pp. 6907-6911 (1980).
	BQ	McGill et al., "Secretin activates Cl ⁻ channels in bile duct epithelial cells through a camp-dependent mechanism", <i>Am. J. Physiology</i> , 1994; 266:C731-6.
D	BR	Leiter et al., "Secretin", <i>Gut peptides: Biochemistry and Physiology</i> edited by Walsh and Dockray, Raven Press, Ltd., New York, 1994: 147-93.

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	04 October 2002
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D	BS	Fara et al., "Effect of secretin and cholecystokinin on small intestinal blood flow distribution", <i>Am. J. Physiology</i> , 1975; 229(5):1365-70.
	BT	Dollinger et al., "Effects of Secretin and Cholecystokinin on Motor Activity of Human Jejunum", <i>Digestion</i> 12:1975, pp. 9-16.
	BU	Horvath et al., "Improved social and language skills after secretin administration in patients with autistic spectrum disorders", <i>J. Assoc. for Academic Minority Physicians</i> 9(1):1998, pp. 9-15.
	BV	Raymond et al., "Hippocampus in autism: a Golgi analysis", <i>Acta Neuropathologica</i> , 1996 91(1):117-9.
	BW	Charlton et al., "Secretin immunoreactivity in rat and pig brain", <i>Peptides</i> , 1981; 2 suppl 1:45-9.
	BX	Fremeau et al., "Secretin stimulates cyclic AMP formation in the rat brain", <i>Journal of Neurochemistry</i> , 1986; 46(6):1947-55.
	BY	Fremeau et al., "Secretin: specific binding to rat brain membranes", <i>Journal of Neuroscience</i> , 1983; 3(8):162-05.
	BZ	Kimura et al., "Effects of preoptic injections of gastrin, cholecystokinin, secretin, vasoactive intestinal peptide and PHI on the secretion of luteinizing hormone and prolactin in ovariectomized estrogen-primed rats", <i>Brain Research</i> , 1987; 410(2):315-22.
	CA	Bauman et al., "Histoanatomic observations of the brain in early infantile autism", <i>Neurology</i> , 1985; 35(6):866-74.
	CB	Minshew, "In vivo brain chemistry of autism", magnetic resonance spectroscopy studies in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The John Hopkins Press, Baltimore, 1994, 1994:66-85.
	CC	Bauman et al., "Neuroanatomic observations of the brain in autism" in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The John Hopkins Press, Baltimore, 1994, 1994:119-45.
	CD	Hoon et al., "The mesial-temporal lobe and autism: case report and review" [Review], <i>Developmental Medicine & Child Neurology</i> ; 1992; 34(3):252-9.
	CE	Bachevalier et al., "The contribution of medial temporal lobe structures in infantile autism: a neurobehavioral study in primates", in <i>The Neurobiology of Autism</i> , Bauman and Kemper (editors), The Johns Hopkins Press, Baltimore, 1994, 1994:146-69.
	CF	Dawson et al., "Subgroups of autistic children based on social behavior display distinct patterns of brain activity", <i>Journal of Abnormal Child Psychology</i> , 1995; 23(5):569-83.
	CG	George et al., "Cerebral blood flow abnormalities in adults with infantile autism", <i>Journal of Nervous & Mental Disease</i> , 1992; 180(7):413-7.
	CH	Olsson et al., "Epilepsy in autism and autisticlike conditions: a population-based study", <i>Archives of Neurology</i> , 1988; 45(6):666-8.
	CI	Anderson et al., "Whole blood serotonin in autistic and normal subjects", <i>J. Child Psychology & Psychiatry & Allied Disciplines</i> , 1987; 28(6):885-900.
	CJ	Garnier et al., "Dopamine-beta-hydroxylase (DBH) and homovanillic acid (HVA) in autistic children", <i>J. Autism & Developmental Disorders</i> , 1988; 16(1):23-9.
D	CK	Bouvard et al., "Low-dose naltrexone effects on plasma chemistries and clinical symptoms in autism: a double-blind, placebo-controlled study", <i>Psychiatry Research</i> , 1995; 58(3):191-201.

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Other Documents (include Author, Title, Date, and Place of Publication)

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D	CL	El-Salhy et al., "Immunohistochemical evidence of gastro-entero-pancreatic neurhormonal peptides of vertebrate type in the nervous system of the larva of a dipteran insect, the Hoverfly, <i>Eristalis Aeneus</i> ", <i>Regulatory Peptides</i> 1:1980, pp. 187-204.
	CM	McDougle et al., "Recent advances in the pharmacotherapy of autism and related conditions", <i>Child & Adolescent Psych. Clinics of N. Am.</i> , 1994; 3(1):71-89.
	CN	Patel et al., "Molecular cloning and expression of a human secretin receptor", <i>Molecular Pharmacology</i> , 1995; 47(3):467-73.
	CO	Lenzen et al., "Secretin stimulates bile ductular secretory activity through the camp system", <i>American Journal of Physiology</i> , 1992; 263(4 pt 1):G527-32.
	CP	Pollack et al., "Effect of secretin on growth of stomach, small intestine, and pancreas of developing rats", <i>Digestive Diseases & Sciences</i> , 1990; 35(6):749-58.
	CQ	Lebenthal et al., "Immunoglobulin concentrations in the duodenal fluids of infants and children" II. The Effect of pancreosymin and secretin. <i>Am. J. Gastroenterology</i> , 1981; 75(6):436-9.
	CR	Lawrence et al., "Effect of secretin on intestinal lymph flow and composition in the rat", <i>Quarterly J. Experimental Physiology</i> , 1981; 66(3):297-305.
	CS	Ohta et al., "Tissue-specific expression of the rat secretin precursor gene", <i>Biochemical & Biophysical Research Communications</i> 183(2):1982, pp. 390-5.
	CT	Itoh et al., "The secretin precursor gene: structure of the coding region and expression in the brain", <i>J. Biological Chemistry</i> , 1991; 266(19):12595-8.
	CU	Redgate et al., "Interaction of neuropeptides and biogenic amines on cyclic adenosine monophosphate accumulation in hypothalamic nuclei", <i>Brain Research</i> , 1986; 365(1): 61-9.
	CV	Usdin et al., "Two receptors for vasoactive intestinal polypeptide with similar specificity and complementary distributions", <i>Endocrinology</i> , 1994; 135(6):2662-80.
	CW	Beck, "Dateline," NBC television program, October 7, 1998 (videotape available from Autism Research Institute, 4182 Adams Avenue, San Diego, CA 92116, www.autism.com/ari)
	CX	Beck, "Good Morning America" ABC television program, (videotape available from Autism Research Institute, 4182 Adams Avenue, San Diego, CA 92116, www.autism.com/ari)
	CY	Rimland, Autism Research Review International, January 1999 Update, Autism Research Institute (www.autism. com/ari/secretin2.html) (January 1999)
	CZ	Rimland, "Secretin update: December 1, 1998," Autism Research Review International, Autism Research Institute (www.autism.com/ari/secretin2.html) (12/1/98)
	DA	Rimland, "1998 Year-End Letter," Autism Research Institute (www.autism.com/ari/yearend.html) (11/30/98)
	DB	Binstock, Secretin, email to newsgroup bit.listserv.autism (8/23/96)
	DC	Mayberry, Secretin, email to newsgroup bit.listserv.autism (8/23/96)
	DD	Westland, Secretin, email to newsgroup bit.listserv.autism (8/24/96)
	DE	Timpson, Secretin, email to newsgroup bit.listserv.autism (8/24/96)
	DF	Conaty, Secretin, email to newsgroup bit.listserv.autism (8/25/96)
D	DG	Conaty, Pancreatic Lipase deficiency, email to newsgroup bit.listserv.autism (8/26/96)

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Applicant
Victoria Beck et al.

Filing Date
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	DH	Mayberry, Secretin, email to newsgroup bit.listserv.autism (9/10/96)
	DI	Mayberry, Canadian listmates, email to newsgroup bit.listserv.autism (9/20/96)
	DJ	Binstock, Secretin, email to newsgroup bit.listserv.autism (9/26/96)
	DK	Mayberry, Peptide Hormone, Substance P, email to newsgroup bit.listserv.autism (10/16/96)
	DL	Mayberry, Substance P/Serotonin/Secretin, email to newsgroup bit.listserv.autism (1/27/97)
	DM	Mayberry, Measles and Substance P, email to newsgroup bit.listserv.autism (2/10/97)
	DN	Hays, Digestion - CCK/Acetylcholine, email to newsgroup bit.listserv.autism (3/27/97)
	DO	Westlund, Secretin, email to newsgroup bit.listserv.autism (10/7/97)
	DP	Carlton, The Hypocretins: Hypothalamus-specific peptides, email to newsgroup bit.listserv.autism (1/19/98)
	DQ	Carlton, Dr. Shaw's Book arrived TODAY!, email to newsgroup bit.listserv.autism (1/20/98)
	DR	Carlton, About Dr. Shaw's Book-Careful Venting Post!, email to newsgroup bit.listserv.autism (1/21/98)
	DS	Carlton, Secretin "gushing", email to newsgroup bit.listserv.autism (1/22/98)
	DT	Owens, Intestinal Hormones, email to newsgroup bit.listserv.autism (5/27/97)
	DU	Mayberry, Secretin Salve, email to newsgroup bit.listserv.autism (7/17/97)
D	DV	MJW28@aol.com (MJW28), Secretin, email to newsgroup bit.listserv.autism (10/6/97)

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